SITE:	Moss Landing	LATITUDE:	36-47.7
HAZARD:	Facility	LONGITUDE: 121-47.0	121-47.0
VOLUME:	9,000 bbl		
DURATION:	3 days		

TRAJECTORY ANALYSIS

Bay within 3 days the 3-day time period. Based on this analysis, spreading and tidal transport without the spill would be expected to increase the size of the spill by a similar magnitude over additional wind driven transport would not be expected to move the spill out of Monterey tide would be expected to transport a spill a similar distance to the north. Spreading of approximately 4 miles to the southwest towards Point Pinos. Spill transport on an ebbing tide would be expected to move the oil from the landing of the oil spill by physical processes such as gravity, surface tension, and tidal dispersion trajectory analysis considered oil transport by the wind and tidal currents, and spreading located in central Monterey Bay approximately three miles north of the Salinas River. The A spill trajectory envelope was calculated for a shoreline spill at Moss Landing, which is Tidal action during the flood

Francisco to within 3 miles of Point Ano Nuevo north-northwesterly winds could move the spill down the coast as far as Point Sur. When combined with the spreading effects of tidal action and mechanical spreading the spill to be transported to the north or south along the coast outside of Monterey Bay. direction, strength and persistence of local winds. Certain wind conditions could allow Easterly winds could move the spill as far as 10 miles offshore over a 3-day time period Wind induced surface currents would cause additional transport of oil depending on the likewise, south-south-easterly winds could move the oil up the coast towards San

preparing these spill envelopes is provided in Section 202.2 envelopes do not represent the trajectory of any one spill. A full discussion of the details used for and wind and assume pessimistic dispersion and other adverse weather conditions. These trajectory oil in the event of any spill. The envelopes are based on regional extremes of climate, tide, current, These spill trajectory envelopes represent the outer perimeter of shoreside areas that could receive

1688-001-820

202-20

8297C - Appendix B3 5/21/04